

SCORM 2004 2nd Edition Data Model Content Example Version 1.1 README

INTRODUCTION

Thank you for downloading the SCORM 2004 2nd Edition Data Model Content Example (DMCE) Version 1.1, here forward known as DMCE, from Advanced Distributed Learning (ADL). The purpose of DMCE is to provide information and example code in preparation for implementation of SCORM 2004 2nd Edition projects.

DMCE is a SCORM 2004 2nd Edition Conformant Content Aggregation Package .zip file. The content package can be imported into any SCORM 2004 2nd Edition Conformant LMS and explored. ADL provides the freely available SCORM 2004 2nd Edition Sample Run-Time Environment (RTE) Version 1.3.3 as a SCORM 2004 2nd Edition Conformance example LMS implementation. The DMCE has been tested to work in the Sample RTE Version 1.3.3. The remainders of these instructions assume use of the Sample RTE for experiencing the DMCE.

To run the DMCE, first download the Sample RTE Version 1.3.3 from the ADL Web site (ADLNet.gov). Please read the complete Readme file included with the Sample RTE and follow the installation instructions.

USAGE

DMCE is to be used by Instructional Designers and Content Developers to enhance understanding of the design and development of SCORM conformant content. The three aspects of the content, Conceptual Content, Conceptual Content Assessment, and Application, allow the learners to not only gain information but also to practice the coding necessary for the development of content. The ADL Technical Team understands that Instructional Designers and Content Developers may have different needs. The intention of this content is to satisfy those needs.

The user can select any element to view individually through the Sample RTE Version 1.3.3 side menu or can navigate linearly through the content by use of the previous or next buttons available on the screens. In the Conceptual Content and Application sections, submit buttons are necessary for submitting information. Use of the enter key on the keyboard will result in errors, so be sure to click on the buttons. Also included are tabs at the top of the page that will enable the user to navigate to the ADL Web site for more information and a Glossary tab to give the user definitions of terms used in the content.

The content is organized by each Run-Time Environment Data Model Element available in SCORM 2004 2nd Edition. Each Data Model Element is structured into three subsections: Conceptual Content, Conceptual Content Assessment and Application.

- Conceptual Content presents valuable information relative to the Data Model Element being discussed.
- Conceptual Content Assessment allows self-assessment of the information presented in the Conceptual Content.

- Application allows developers familiar with JavaScript to apply the syntax required to communicate with a SCORM 2004 2nd Edition Run-Time Environment.

For the developer audience, the ADL Technical Team has made the code transparent for adaptation and implementation into your own SCORM 2004 2nd Edition projects. The implementation is built using non-proprietary technologies including XHTML, JavaScript, and CSS. The code is available for examination and reuse by viewing the source on any page and copy-and-paste for general use.

Changes from SCORM 2004 2nd Edition DMCE Version 1.0 to Version 1.1

Changes have been made to the imsmanifest.xml of the DMCE Version 1.0.

Issues:

1. The resource identifier="RES-3363EDA5-C7A8-7BE9-8E52-5C925CB3CCF4" has redundant dependencies.
2. There unreferenced files in the manifest.
3. There is an incorrect assessment response in the completion threshold module.

Resolutions:

1. Redundant dependencies have been removed from the manifest (scripts/APIWrapper.js, scripts/dmceFunctions.js, css/style.css, and graphics/background.jpg).
2. Unreferenced file changes:
 - credit/cca/credit_cca_question_fb.html
 - reference added to manifest
 - ct/cca/ct_cca_question_04.html –
 - extraneous file removed from package
 - entry/cc/entry_cc_06.html
 - extraneous file removed from package
 - graphics/Max_Time_Ex_1.jpg
 - reference added to manifest
 - graphics/Max_Time_Ex_2.jpg
 - reference added to manifest
 - graphics/total_time_2.jpg
 - extraneous file removed from package
 - html_assets/glossary.zip
 - extraneous file removed from package
 - interactions/cca/interactions_cca_question_fb.html
 - reference added to manifest
 - obj/app/obj_app_06.html
 - extraneous file removed from package
 - obj/app/obj_app_06fb.html
 - extraneous file removed from package
3. Changed files to:

- File - DMCE\ct\app\ct_app_01.html
 - Changed max field length from 8 to 9 characters for completed input field
- File - DMCE\ct\app\ct_app_01fb.html
 - Changed:
 - SetValue("cmi.completion_status", "complete"); to
 - SetValue("cmi.completion_status", "completed");
- File - DMCE\ct\app\ct_app_02.html
 - Changed max field length from 8 to 9 characters for completed input field
- File - DMCE\ct\app\ct_app_02fb.html
 - Changed:
 - SetValue("cmi.completion_status", "complete"); to
 - SetValue("cmi.completion_status", "completed");

FEEDBACK

Please address questions or provide feedback about the content example via the Ask the Expert provided at the ADL Web site.

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